

### **Abstract of the Disclosure**

A damper unit for an air circulation system. The damper unit includes a frame defining an air flow opening, a damper vane for opening and closing the air flow opening, and a stepper motor for turning the damper vane between the open and closed positions. The stepper motor is directly coupled to the damper vane to move the vane between the open and closed positions. A shaft of the stepper motor extends through a frame of the damper unit and is coupled to the damper vane by a hub. A controller is coupled to the stepper motor to control the stepper motor.

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